

Rotary Evaporator







5L/10L/20L/50L Rotary Evaporator

WTRE-05/WTRE-10/WTRE-20/WTRE-50



Features

- LCD digital display with intuitive interface for operation and control.
- PID controller, precise control, fast setting.
- Stepless automatic motor lifting of the heat bath, smooth and silent.
- The reciprocation rotation function is the most useful for concentration of sample with power or solid particles.
- The two section, three layer Graham coil condenser with anti-backflow design, large condensation surface area, strong evaporation capacity is a guarantee of high efficient sample recovery.
- Professional air tightness system design with PTFE sealing ring, featured with heat/corrosion resistance, and high durability.
- Optional vacuum controller to control the vacuum degree freely.
- Keep the outer surface of the heat bath at mild temperature with proprietary heat insulation design to avoid accidental personnel burn injury.

| Model | WTRE-05 | WTRE-10 | WTRE-20 | WTRE-50 |
|---|---|---|--|---|
| Photos |  |  |  |  |
| Evaporating Flask, Maximum | 5L | 10L | 20L | 50L |
| Speed Range [rpm] | 20-180 | 20-130 | 20-130 | 20-130 |
| Display | LCD | | | |
| Evaporation Capacity (Max.L/h) For 75% Alcohol | 2 | 3.5 | 5 | 9 |
| Final Vacuum | 9 mbar | | | |
| Reciprocating Rotation | Yes | | | |
| Heat Bath Temperature [C] | 20-100 | | | |
| Temperature Control Precision [C] | ±1 | | | |
| Heating Power [W] | 2000 | 3000 | 4000 | 5000 |
| Temperature Display | LCD | | | |
| Heat Bath Lifting | Motor Lifting, Stepless | | | |
| Lifting Stroke [mm] | 130 | 200 | 180 | 253 |
| Timer | Yes | | | |
| Timer Display | LCD | | | |
| Timer Range [min] | 0-999min | | | |
| Voltage [VAC] | 220V | | | |
| Frequency [Hz] | 50/60 | | | |
| Motor | Lifting Motor: DC motor with brush Rotating Motor: High voltage brush motor | | | |
| Heat Bath | Teflon coating | | | |
| DIN EN60529 Protection Class | IP20 | | | |
| Dimension [D×W×H mm] | 600*290*720 | 790*480*1130 | 900*490*1320 | 1030*510*1370 |
| Ambient Temperature [C] | 5-40 | | | |
| Ambient Humidity | ≤80% | | | |
| Safety Mechanism | Motor over current protection, earth leakage protection, dry heating protection, , overheat protection function | | | |